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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/414,290	10/07/1999	JEFFERY M. ENRIGHT	D-1112R1	3095

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EXAMINER

PWU, JEFFREY C

ART UNIT	PAPER NUMBER
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3624

DATE MAILED: 04/23/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

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# Office Action Summary

Application No.

09/414,290

Applicant(s)

ENRIGHT ET AL.

Examiner

Jeffrey Pwu

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-37 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-37 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 6) ☐ Other: \_\_\_\_\_

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### DETAILED ACTION

1. This action is responsive to the application, filed 1999-10-07.
2. The disposition of claims is: claims 1-37 are pending as filed. Claim 1 is independent.
3. The group art unit of the Examiner handling your case has changed. The new art unit is **2164**. Please use current art unit on all correspondence to help us route your case in a timely fashion.
- Title*

4. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

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***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-37 are rejected under 35 U.S.C. 102(b) as being anticipated by ***Blackwell*** et al. (US 5,602,933).

***Blackwell*** et al. teaches:

(Claim 1) An apparatus comprising:

an automated banking machine carrying out at least one transaction function;  
at least one camera adjacent the banking machine, wherein the camera is operative to produce camera signals corresponding to images (52, 54, 56, 60 of fig.1);

a computer including a server (col.5, lines 48-51) in operative connection with a data store, wherein the computer is in operative connection with the machine and the camera, and wherein the computer is operative to include image data corresponding to the camera signals in the data store responsive to the machine carrying out at least one transaction function;

at least one communication network in operative connection with the server (“communications network” of fig.2); and

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a user terminal including an output device in operative connection with the network, wherein the user terminal includes a browser, and wherein the user terminal communicates with the server through the browser and is operative to output images corresponding to the image data through the output device (col.8, lines 50-65).

(Claim 2) The apparatus according to claim 1 wherein the banking machine is operative to provide cash, and wherein the computer is operative to include image data in the data store responsive to the machine operating to provide cash (col.1, lines 37-65 and col.8, lines 30-50).

(Claim 3) The apparatus according to claim 2 wherein the data store includes instructions including data representative of a predetermined amount, and wherein the computer is operative to include image data in the data store when an amount of cash provided by the machine is at least the predetermined amount (col.1, lines 20-55).

(Claim 4) The apparatus according to claim 1 wherein the machine includes a plurality of transaction function devices, and wherein the computer is operative to include image data in the data store responsive to operation of each of a plurality of transaction function devices during a transaction (col. 10, lines 55-67).

(Claim 5) The apparatus according to claim 1 and further comprising a plurality of cameras, and wherein the data store further comprises instructions including a sequence, wherein the computer is operative to sense lack of usable video from a first

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camera and to store image data from a second camera responsive to the sequence (col.6, lines 50-65).

(Claim 6) The apparatus according to claim 1 wherein the banking machine includes an input device, and wherein the input device receives input data through the input device, and wherein the banking machine carries out the transaction function responsive to the input data, and wherein the computer is operative to include in the data store transaction data corresponding to the input data (abstract).

(Claim 7) The apparatus according to claim 6 wherein the user terminal is operative to process the transaction data with the browser, and to output indicia corresponding to the transaction data with the output images through the output device (30, 32, 34).

(Claim 8) The apparatus according to claim 1 and further comprising a second camera, wherein the second camera produces second camera signals corresponding to a service area of the machine, and wherein the computer is operative to include in the data store image data corresponding to the second camera signals (52, 54, 56).

(Claim 9) The apparatus according to claim 8 wherein the second camera is located in an interior of the automated banking machine (52, 54, 56).

(Claim 10) The apparatus according to claim 8 wherein the data store further includes motion detection instructions, and wherein the computer is operative responsive to the

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motion detection instructions to include the image data corresponding to the second camera signals in the data store (52, 54, 56).

(Claim 11) The apparatus according to claim 8 and further comprising a door, wherein opening the door is operative to provide access to the service area, and further comprising a sensor in operative connection with the door, and further comprising instructions in the data store, wherein the computer is operative responsive to the instructions and the sensor indicating that the door has been moved to an open condition, to include the image data corresponding to the second camera signals in the data store (it is inherent to have a door for the apparatus of fig.2).

(Claim 12) The apparatus according to claim 11 wherein the computer is further operative responsive to the instructions to send an e-mail message through the network (409, 410, 414 of fig.4).

(Claim 13) The apparatus according to claim 1 wherein the data store includes instructions representative of a sequence, and wherein the computer is operative responsive to the sequence to include image data in the data store, and wherein the user terminal has in connection therewith a user terminal input device, and wherein the sequence is changeable through an input to the user terminal input device (flow chart of fig.4).

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(Claim 14) The apparatus according to claim 1 wherein the data store includes instructions for determining a time period during which the data store is expected to continue to accept additional data, and wherein the computer is operative responsive to the instructions to calculate such a time period (col.10, lines 5-15).

(Claim 15) The apparatus according to claim 14 wherein the instructions include message instructions for sending a message, and wherein the computer is operative responsive to the message instructions to send a message through the network wherein the message includes data representative of the time period (abstract; col.2, lines 35-col.4, lines 55).

(Claim 16) The apparatus according to claim 14 wherein the data store includes a transaction history pattern, and wherein the computer calculates the time period responsive to the transaction history pattern (col.2, lines 35-col.4, lines 55).

(Claim 17) The apparatus according to claim 1 wherein the server and data store are located within the banking machine (col.5, lines 48-51; fig.2).

(Claim 18) The apparatus according to claim 1 wherein the camera signals are transmitted to the computer through a network (col.5, lines 48-51; fig.2).

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(Claim 19) The apparatus according to claim 1 and further comprising a camera server in operative connection with the camera, wherein the camera server is in operative connection with the computer (col.5, lines 48-51).

(Claim 20) The apparatus according to claim 1 and further comprising a plurality of cameras, and wherein a further network is in operative connection with the plurality of cameras and the computer, wherein the plurality of cameras communicate with the computer through the further network (fig.2).

(Claim 21) The apparatus according to claim 20 wherein the further network includes a power supply network.

(Claim 22) The apparatus according to claim 1 wherein the data store comprises a recording device having a removable storage medium, wherein the image data is recorded on the removable storage medium (col.15, lines 5-65).

(Claim 23) The apparatus according to claim 1 wherein the data store includes instructions for determining if an amount of image data in the data store is at a level, and further comprising a remote data store in operative connection with the network, wherein the computer is operative responsive to the amount of the image data being as great as the level, to transfer data through the network to the remote data store (col.5, lines 25-col.10, line 15).

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(Claim 24) The apparatus according to claim 23 wherein the data store includes further instructions, wherein the computer is operative responsive to the further instructions to erase image data in the data store after transfer of such image data to the remote data store (it is inherent to remotely perform data editing).

(Claim 25) The apparatus according to claim 1 wherein the banking machine includes an imaging device, wherein the imaging device is operative to generate document image signals corresponding to at least one appearance feature of documents input to the machine, and wherein the data store includes instructions, and the computer is further operative responsive to the instructions to include in the data store document image data corresponding to the document image signals col.5, lines 25-col.10, line 15).

(Claim 26) The apparatus according to claim 25 wherein the document image data is stored in correlated relation with image data produced responsive to the camera signals col.5, lines 25-col.10, line 15).

(Claim 27) The apparatus according to claim 25 wherein the data store includes further instructions, and the server is operative responsive to the further instructions to deliver the document image data through a network (col.5, lines 25-col.10, line 15; fig.2).

(Claim 28) The apparatus according to claim 27 and further comprising a document verification terminal in operative connection with the network, and wherein the document verification terminal is in operative connection with a verification data store

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including data representative of indicia which is indicative of the genuineness of documents, and wherein the document verification terminal includes a further browser, and wherein the document verification terminal is operative to access the document image data through the server and to compare the document image data and the indicia from the verification data store (col.5, lines 25-col.10, line 15).

(Claim 29) The apparatus according to claim 28 wherein the indicia in the verification data store corresponds to written signatures, and wherein the document verification terminal is operative to compare signatures in documents represented by the document image data, to data representative of the written signatures in the verification data store (col.5, lines 25-col.10, line 15).

(Claim 30) The apparatus according to claim 4 wherein the output device of the user terminal comprises a display, and wherein the display is operative to display a plurality of images corresponding to operation of the transaction function devices during the transaction, together in a set on the display (col.5, lines 25-col.10, line 15).

31. The apparatus according to claim 30 wherein the user terminal further comprises an input device, wherein the input device is selectively operative to select one of the images in a set, and wherein the user terminal is operative responsive to selection of one image in a set, to display a larger version of the selected image on the display (col.5, lines 25-col.10, line 15).

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32. The apparatus according to claim 31 wherein the banking machine is operative to produce transaction data responsive to operation of at least one transaction function device, and wherein the computer is operative to store data representative of the transaction data in a data store in correlated relation with the corresponding image data, and wherein the transaction data is accessed by the user terminal with the browser, and wherein the corresponding transaction data is output on the display of the user terminal with the selected image (col.6, line 60-col.14, line 65).

(Claim 33) The apparatus according to claim 31 wherein the display includes an icon, and wherein selection of the first icon with the input device is operative to selectively cause images in a series of images to be made visible on the display (col.6, line 60-col.14, line 65).

(Claim 34) The apparatus according to claim 33 and wherein the display comprises a first icon and a second icon, wherein selection of the first icon with the input device is operative to cause at least one image in a first direction in the series to be made visible and wherein selection of the second icon with the input device is operative to cause at least one image in a second direction in the series other than the first direction, to be made visible on the display (col.6, line 60-col.14, line 65).

(Claim 35) The apparatus according to claim 33 wherein selection of the icon is operative to scroll through the series of images (col.6, line 35-col.14, line 65).

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(Claim 36) The apparatus according to claim 33 wherein the display comprises a first icon and a second icon, wherein selection of the first icon with the input device is operative to cause at least one image in the series disposed of a first number of images in the series from a currently displayed image, to be displayed on the display, and wherein selection of the second icon with the input device is operative to cause at least one image in the series disposed a second number of images in the series from a currently displayed image, to be displayed (col.6, line 60-col.14, line 45).

(Claim 37) The apparatus according to claim 36 wherein the at least one image displayed responsive to the first icon and the at least one image displayed responsive to selection of the second icon, are each disposed in a first direction in the series from the currently displayed image (col.6, line 60-col.14, line 65).

☞ Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Jeffrey Pwu whose telephone number is (703) 308-7835

Jeffrey Pwu



21 April 2002